Resource Summary Report

Generated by SPARC SAWG on Jul 30, 2026

OpenBMI

RRID:SCR_016876
Type: Tool

Proper Citation

OpenBMI (RRID:SCR_016876)

Resource Information

URL: https://github.com/PatternRecognition/OpenBMI

Proper Citation: OpenBMI (RRID:SCR_016876)

Description: Software package for the development of Brain-Computer Interfaces with advanced pattern recognition algorithms. Used for analyzing brain signals which can be used to acquire, filter, process, classify and visualize brain signals in real time.

Resource Type: software application, data analysis software, software resource, data processing software, data visualization software, software toolkit

Keywords: brain, computer, interface, analysis, signal, acquire, filter, process, visualize, data

Availability: Free, Available for download, Freely available

Resource Name: OpenBMI

Resource ID: SCR_016876

Alternate URLs: http://openbmi.org/

License: Apache 3.0

Record Creation Time: 20220129T080332+0000

Record Last Update: 20260729T044425+0000

Ratings and Alerts

No rating or validation information has been found for OpenBMI.

No alerts have been found for OpenBMI.

Data and Source Information

Source: SciCrunch Registry

Usage and Citation Metrics

We found 5 mentions in open access literature.

Listed below are recent publications. The full list is available at SPARC SAWG .

Li Y, et al. (2025) Utilizing statistical analysis for motion imagination classification in brain-computer interface systems. PloS one, 20(7), e0327121.

Kim JY, et al. (2021) Leaf-inspired homeostatic cellulose biosensors. Science advances, 7(16).

Kanoga S, et al. (2020) Independent Low-Rank Matrix Analysis-Based Automatic Artifact Reduction Technique Applied to Three BCI Paradigms. Frontiers in human neuroscience, 14, 173.

Lee MH, et al. (2019) Robust detection of event-related potentials in a user-voluntary short-term imagery task. PloS one, 14(12), e0226236.

Lee MH, et al. (2019) EEG dataset and OpenBMI toolbox for three BCI paradigms: an investigation into BCI illiteracy. GigaScience, 8(5).